
Alternative Fuels in State Vehicles

Division of Energy fact sheet

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What are AFVs?

Alternative fuel vehicles (AFVs) are those vehicles that can run on non-traditional fuels. Some of these alternative fuels include E85 (85 percent ethanol), propane, biodiesel and compressed natural gas.

Why use alternative fuels?

Filling up your state vehicle's tank with alternative fuels makes sense on several levels.

- First, alternative fuels burn cleaner than traditional fuels, thus reducing air pollution and other environmental impacts.
- Alternative fuels also pave the way for greater fuel independence from foreign oil.
- Of these alternative fuels, E85 and biodiesel offer additional market opportunities for Missouri farmers.
- B20, a blend of 20 percent soy-based biodiesel and 80 percent petroleum diesel, can be used in any diesel engine.

AFV requirements in Missouri law

Because alternative fuels benefit Missouri's environment and economy, their use in state vehicles is also Missouri law.

- The Fuel Conservation for State Vehicles statute (Sections 414.400 – 414.417 RSMo) requires the purchase of alternative fuel vehicles and sets goals for the amount of alternative fuels to be used in these vehicles.
- State law requires that 70 percent of new vehicles purchased be AFVs and that 30 percent of the fuel burned in these vehicles be alternative fuels.

Am I driving an AFV?

- Alternative fuel vehicles in the state fleet should be clearly identified.
- Please coordinate with your agency's fleet manager to determine if you are driving an alternative fuel vehicle.

Alternative Fuels Stations in Missouri

E85 (85 percent ethanol)

- ◆ Growth Energy publishes a directory of E85 refueling locations on the Web at: www.e85fuel.com
- ◆ MO Flex Fuel, a partnership of biofuel and auto interests, publishes an online “station locator” map and tools at: www.moflexfuel.com/station.php

B20 (20 percent biodiesel)

- ◆ Jefferson City: Convenient Mart, 3714 W. Truman Blvd.
- ◆ Kansas City: Wyandotte Valero, 201 W. 6th St., Kansas City, Missouri
- ◆ Marshall: Thomas Oil Co., 430 N. Lincoln
- ◆ Additional information on biodiesel can be found on the Missouri Soybean Association’s Web site at: www.mosoy.org/bio

Propane

- ◆ The Missouri Propane Gas Association has an online tool to help customers locate propane refueling stations on their Web site at: www.usepropane.com/find

For More Information

For more information about alternative fuels contact:

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